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Attorney's Docket No. US631-016001 / 97141

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gary L. Nelsestuen

Serial No. : 09/497,591

Filed : February 3, 2000

Title : MODIFIED VITAMIN K-DEPENDENT POLYPEPTIDES

Art Unit : 1653

Examiner : H. Schnizer

Commissioner for Patents  
Washington, DC 20231

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AMENDMENT AND RESPONSE

In response to the action mailed November 20, 2001, please amend the application as follows:

In the claims:

Please cancel claims 1-7 and 15-60.

Please amend claims 8 and 12 as follows:

B1  
-- 8. (Amended) A Protein C or Activated Protein C polypeptide comprising a GLA domain, said GLA domain having at least one amino acid substitution at residues 2, 5, 9, 11, 12, 29, 33, 34, 35 or 36, wherein said at least one amino acid substitution enhances membrane binding affinity and activity of said polypeptide relative to a protein C or activated protein C polypeptide having the GLA domain of SEQ ID NO:1, wherein said GLA domain comprises at least 35 unsubstituted residues, and wherein all of said unsubstituted residues correspond to the amino acid sequence of SEQ ID NO:1.

B2  
12. (Twice Amended) The polypeptide of claim 11, wherein said at least one amino acid substitution further comprises a glutamic acid residue at amino acid 36 (corresponding to amino acid position 35 of SEQ ID NO:1). --

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit May 20, 2002  
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